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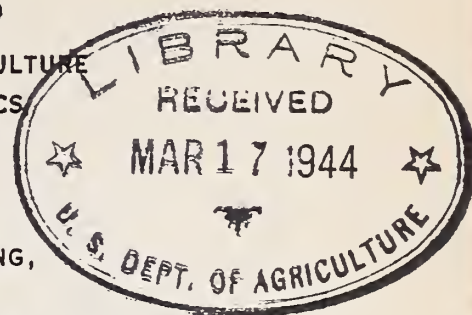
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COTTON LITERATURE

SELECTED REFERENCES

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COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

PRODUCTIONBotany

2797. American society of plant physiologists. Titles and abstracts of papers, fifteenth annual meeting, Richmond, Virginia, December 28, 29, and 30, 1938. 20pp., processed. [n.p., 1939] 451 Am3A
The internal temperatures of cotton bolls, by D.B. Anderson, p.14.
2798. Wadleigh, Cecil H. The influence of varying cation proportions upon the growth of young cotton plants. Soil Sci. 48(2):109-120. August 1939. (Published by Williams & Wilkins Co., Mt. Royal and Guilford Aves., Baltimore, Md.) 56.8 So3

See also Item no. 3068.

Genetics and Plant Breeding

2799. Better cotton, tobacco, new berry resulting from drug. Colchicine, by doubling the number of chromosomes, juggles the heredity and produces fertile hybrids. Sci. News Letter 36(7):99-100. Aug.12,1939. (Published by Science Service, Inc., 2101 Constitution Ave., Washington, D.C.) 470 Sci24
2800. Indore, Central India. Institute of plant industry. Progress report for the year ending 31st May 1938. 17pp. Indore, [1939] 107.5 In2P
"A general account of the work that is being carried on in connection with cotton and other crops. Breeding for wilt resistance in cotton has become of great importance owing to the spread of wilt... Studies were made of the inheritance and linkage relationships of a number of characters of cotton, and definite results were obtained with some of them... A study was made of the quality in cotton fibre; the effect of different soils on quality Upland cotton, and the competition between Desi and Upland cottons were investigated."-Empire Cotton Growing Rev. 16(3):208-209. July 1939.

2801. The origin of the Montserrat (sea island) strain.
Internatl. Cotton Bull. 17(68):430-431. July
1939. (Published at 26 Cross St., Manchester,
2, Eng.) 72.8 In8

See also Item no. 3068.

Agronomy

2802. Los beneficios de la siembra de variedades selectas
y del desmote individual. Argentine Republic,
Junta Nacional del Algodon, Boletin Mensual
no.51, pp.405-408. July 1939. (Published at
Buenos Aires, Argentina) 72.9 Ar3
The benefits of the production of select
varieties and of individual ginning.
2803. Coleman, Russell. The value of legumes for soil
improvement. An interpretation of results of tests
conducted under many conditions of Mississippi
agriculture. Miss. Farm Res. 2(8):3-6. August
1939. (Published by Mississippi Agricultural
Experiment Station, State College, Miss.)
"For cotton production in the hill sections of
Mississippi legume nitrogen secured from turning
under a good crop of winter legumes was approxi-
mately equal to 24 pounds of commercial nitrogen,
secured from 150 pounds of 16% nitrogen fertilizer
material."
2804. Cosson, Roger, and Cotte, Maurice. Note sur les
essais de culture du cotonnier. Terre Maro-
caine 9(112):8-21. March 1939. (Published at
Rue Georges Mercié, Casablanca, W. Morocco,
Africa) 24 T44
Note on the experiments with cotton cultiva-
tion.
2805. Cotton. Pacific Rural Press 138(3):98. Aug.12,
1939. (Published at 83 Stevenson St., San
Francisco, Calif.) 6 P112
How to irrigate and cultivate cotton success-
fully in California is described.
2806. Cotton culture. Queensland Agr. Jour. 51(6):631-
632. June 1, 1939. (Published by Queensland
Department of Agriculture and Stock, Brisbane,
Queensland, Australia) 23 Q33

2807. Experimental cotton growing in Java. Textile Colorist 61(725):345. May 1939. (Published at Woolworth Bldg., 233 Broadway, New York, N.Y.) 306.8 T31
 "The Java Government has introduced experimental cultivation of cotton at Banjoowangi, East Java, in an attempt to grow cotton in that country."-Entire item.
2808. Fulton, H.J. Weather in relation to yield of American-Egyptian cotton in Arizona. Amer. Soc. Agron., Jour. 31(8):737-740. August 1939. (Published at Geneva, N.Y.) 4 Am34P
2809. Jones, T.N. Careful handling of cotton worth money to grower. Miss. Farm Res. 2(8):1,8. August 1939. (Published by Mississippi Agricultural Experiment Station, State College, Miss.)
 "The farmers of Mississippi lose from \$200,000 to \$400,000 each year by not taking proper precautions in the picking and handling of their cotton crop."
2810. Lehman, S.G. Cottonseed treatment. U.S. Dept. Agr., Ext. Path. no.37, pp.32-40. February 1939. (Published at Washington, D.C.) 1.9 Ex892Ep
 Literature cited, pp.39-40.
 Presented at the annual meeting of the American Phytopathological Society, Richmond, Virginia, December 28, 1938.
2811. MacDonald, D., Fielding, W.L., and Ruston, D.F. Experimental methods with cotton. II. A study of the effects of seed rate and time of thinning on the development and yield of cotton plants in hand-planted cotton trials. Jour. Agr. Sci. 29(3):418-430. July 1939. (Published by Cambridge University Press, Bentley House, London, Eng.) 10 J822
2812. Miege, E. La nouvelle orientation de la technique culturale du cotonnier. Terre Marocaine 9(113): 8-14. April 1939. (Published at Rue Georges Mercié, Casablanca, W. Morocco, Africa) 24 T44
 The new orientation of the technique of cotton culture.
2813. Newman, C.L. Cultivo del algodón. Revista de Agricultura 5(7):2202-2210. July 1939. (Published by Gobierno Provincial, Havana, Cuba) 8 R328
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2814. Novikov, V.A., and Sadovskaja, R.O. Soaking of cotton seed in boric acid as a means going to satisfy its boron requirement and increase salt resistance. Academie des Sciences de l'URSS, Comptes Rendus (Doklady) 23(3):276-279. 1939. (Published at Moscow, U.S.S.R.) 511 P444
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2815. Prichard, B.E.G. The cotton contest--1938 for better yield and staple value. Clemson Agr. Col. S.C. Ext. Serv. Circ. 172, 31pp. Clemson. 1939. 275.29 So8E
2816. Scavone, Giuseppe. La cotonicoltura in Sicilia. I Georgofili 5:220-232. April-June 1939. (Published by Reale Accademia Economico-Agraria dei Georgofili, Firenze, Italy) 507 F51
Cotton cultivation in Sicily.
2817. Tavares, Heitor. Lavouras isoladas e consorciadas algodão Mocó. Pernambuco, Secretaria de Agricultura, Industria e Comercio, Boletim 3(2): 146-153. September 1938. (Published at Recife, Brazil) 9.2 P423
Separate and group cultivation of Moco cotton.
2818. Wasson, R.A. How to fertilize cotton in Louisiana. La. Agr. Col., Ext. Circ. 183, 12pp. [Baton Rouge] 1939. 275.29 L93C
2819. West, H.O. Fertilizers and manures. Miss. Agr. Expt. Sta. Mimeo. [Pub.] no.17, 15pp., processed. State College. 1939. 100 M69M
Cotton is one of the crops studied.

See also Items nos. 2800, 2843, 2865, 2866, 2868, 2927, 2937, 2942, 2977, 3068, 3073, 3075, 3084.

Diseases

2820. Greathouse, Glenn A. Alkaloids from Sanguinaria canadensis and their influence on growth of Phymatotrichum omnivorum. Plant Physiol. 14(2):377-380. April 1939. (Published by the American Society of Plant Physiologists, N. Queen St. and McGovern Ave., Lancaster, Pa.) 450 P692
Literature cited, p.380.

2821. Kokin, A.J. On the physiology of the wilted cotton plant. Rev. Appl. Mycol. 18(4):250-251. April 1939. (Published by the Imperial Mycological Institute, Kew, Surrey, Eng.) 450 R328

From Symposium dedicated to the memory of V.M. Lubimenko, pp.329-347, Ukr. S.S.R. Acad. Sci. Press, Kieff, 1938.

"Measurements of osmotic pressure, and water, carbohydrate and protein contents are reported on wilted cotton plants under greenhouse conditions. The activity of peroxidase appears to be greatly increased in the diseased plants and the osmotic pressure of the cell sap in the leaves is higher.-C."-Brit. Cotton Indus. Res. Assoc., Summary of Current Lit. 19(13):406. July 15, 1939.

2822. Rogers, C.H. Crop rotations for root rot areas in the Blacklands. Acco Press 17(8):11. August 1939. (Published by Anderson, Clayton & Co., Houston, Tex.) 6 Ac2

"The most practical means of cotton root rot control in the Blackland region of Texas involves the rotation of cotton with non-susceptible grains and grasses."

2823. Steyaert, R.L. La sélection du cotonnier pour la résistance aux stigmatomycoses. Institut National pour l'Etude Agronomique du Congo Belge. Série Scientifique [Pub.] no.16, 29pp. Brussels. 1939. 24 In7

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Selection of the cotton plant for resistance to stigmatomycoses.

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Insects

2824. Butler, Eugene. More about cotton insect control. Acco Press 17(8):7-8. August 1939. (Published by Anderson, Clayton & Co., Houston, Tex.) 6 Ac2

2825. Cotton insect control meeting at Brenham [Texas] attracts 400 leaders. East Tex. 13(11):33. August 1939. (Published by East Texas Chamber of Commerce, Dallas, Tex.) 6 Ea73

2826. Fife, L. Courtney. Insects and a mite found on cotton in Puerto Rico, with notes on their economic importance and natural enemies. Puerto Rico Agr. Expt. Sta. Bull. 39, 14pp. Washington, U.S. Govt. print. off., 1939.
1 Ex65B
Literature cited, pp.12-14.
"A systematically arranged list of the insects and acarids found on cotton in Puerto Rico, with the natural enemies of some, is followed by brief discussions of their importance and a list of 45 references to the literature cited."-Expt. Sta. Rec. 81(2):240. August 1939.
2827. Government begins bollworm eradication. Cotton Digest 11(44):4. Aug.5, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.)
286.82 C822
2828. Growers learn to swing butterfly net in determining when cotton should be dusted. Ariz. Farmer 18(11):5. Aug.5, 1939. (Published at 315 North 3d Ave., Phoenix, Ariz.) 6 Ar44
2829. Imperial agricultural research institute, New Delhi. Scientific reports... for the year ending 30th June, 1938. 131pp. Delhi, Manager of publications, 1939. 107.5 P37R
Partial contents: Pests of cotton, pp.13-19; Report of the imperial entomologist. I. Special investigations. 1. Ecology of spotted bollworms of cotton and their important parasites, by Hem Singh Pruthi, pp.113-114.
2830. Leafworm, weevil damage noted in Texas coast bend. Cotton Trade Jour. 19(73):7. Aug.19, 1939. (Published at 810 Union St., New Orleans, La.)
72.8 C8214
2831. Llanos, Vicente Velasco. El Alabama o gusano cortador de la hoja algodonera. Boletin Agricola [Colombia] nos.246 and 247, pp.1439-1443. January and February 1939. (Published by Sociedad Antioquena de Agricultores, Medellin, Colombia)
9.4 Sol
The Alabama or cotton leafworm.

2832. Lyle, Clay. The crawfishes of Mississippi with special reference to the biology and control of destructive species. Iowa State Col. Jour. Sci. 13(1):75-77. October 1938. (Published by Collegiate Press, Inc., Iowa State College, Ames, Iowa) 470 Io9
 "Notes on the biology and control of the crawfish (*Cambarus hagenianus*), which inhabits the lime soils of Mississippi and Alabama and on rainy spring nights often destroys entire fields of young corn and cotton, are presented."-Expt. Sta. Rec. 81(2):237. August 1939.
2833. Ousley, Clarence. Cooperation urged in fight on pink bollworm. Acco Press 17(8):10. August 1939. (Published by Anderson, Clayton & Co., Houston, Tex.) 6 Ac2
 Reprinted from the Fort Worth Evening Star-Telegram, August 9, 1939.
2834. Plagas de insectos en los campos de algodón de Chincha y Pisco. Vida Agricola 16(187):457, 459, 461-462. June 1939. (Published at Nuñez 26A, Casilla 1159, Lima, Peru) 9.8 V66
 Plagues of insects in the cotton fields of Chincha and Pisco.
2835. Rekach, V.N. Cotton aphids of the southern part of European Russia. 109pp. Piatigorsk, "Kraivedizdat", 1938. 431 R27
 Bibliography, pp.87-[109].
 In Russian. English summary, pp.82-84.
2836. Tenhet, J.N., and Howe, E.W. The sand wireworm and its control in the South Carolina coastal plain. U.S. Dept. Agr. Tech. Bull. 659, 39pp. Washington. 1939.
 "Studies commenced in 1930, of the sand wireworm, known for nearly 25 yr. as a serious pest of corn, cotton, cowpeas, and other crops of the Coastal Plain of South Carolina and in other restricted parts of the country, are reported."-Expt. Sta. Rec. 81(1):80. July 1939.
2837. [Thomas, F.L.] Hopper damage on increase in parts of Texas. Cotton Trade Jour. 19(32):8. Aug.12, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 Also in Cotton Digest 11(45):11. Aug.12, 1939.

2838. Thomas, F.L. Insect situation in Texas. Cotton Digest 11(44):12. Aug.5,1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Also in Cotton and Cotton Oil Press 40(20):20. Aug.5,1939.

2839. Worms found in Mississippi fields. Cotton Digest 11(44):12. Aug.5,1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"First cotton leafworms in Mississippi this season were found in Georgia county Saturday, July 29."

Also in Cotton and Cotton Oil Press 40(20):20. Aug.5,1939.

Farm Engineering

2840. Arthurdale co-op signs contract to manufacture cotton pickers. Rust brothers decide to join manufacture of their cotton-picking machines to co-op tractors; signing of contract result of three months of negotiations. Farmers Union Herald (n.s.) 13(8):1. August 1939. (Published at 1200 North Concord St., South St. Paul, Minn.) 280.28 F224

The pickers are to be manufactured at Arthurdale, West Virginia by the Arthurdale Farm Equipment Corporation.

2841. A cotton chopping machine. Pacific Rural Press 138(4):132. Aug.26,1939. (Published at 83 Stevenson St., San Francisco, Calif.) 6 P112
A picture of a cotton chopper is shown.

Farm Management

2842. Cooper, M.R. Production costs and returns. 38pp. processed. Washington, U.S. Department of agriculture, Bureau of Agricultural Economics, 1939.
Cotton is one of the crops used to illustrate the subject.

2843. Edwards, Robert L. Reducing the fertilizer cost. N.C. State Agr. 14(6):103,112. May 1939. (Published at State College Station, Raleigh, N.C.) 276.8 N81

Illustration shows a perfect cotton plant grown with proper fertilizer.

2844. Hobart, Charles. Losing money on Pima cotton is rule rather than exception. Ariz. Farmer 18 (3):19. Apr.15,1939. (Published at 313 North Third St., Phoenix, Ariz.) 6 Ar44
Brief report on the cost of producing long staple cotton in the Salt River Valley, Arizona is given.
2845. Income from cotton and cottonseed. Cotton Situation no.34, p.13. Aug.29,1939. (Published by U.S. Department of Agriculture, Bureau of Agricultural Economics, Washington, D.C.)
Statistics of sales and cash income from cotton and cottonseed for the United States, 1910-1939, are given.
2846. Luebke, B.H., Atkins, S.W., Allred, C.E., and Roth, W.J. Types of farming in Tennessee. Tenn. Agr. Expt. Sta. Bull.169, 94pp. Knoxville. 1939.
Partial contents: Types of farming and their location--Cotton farms, pp.31-32; Type of farming areas--Area 1-Cotton and cash-grain, pp.45-47; Area 2-Cotton and livestock, pp.47-50; Area 3-Cotton, pp.50-53; Area 5-Cotton, truck and general farming, pp.56-58; Area 6-Cotton and general farming, pp.58-60; Area 9-Cotton, small general farming, some livestock, pp.68-71; Area 13-General farming, cotton, dairy, pp.82-83.
2847. Ousley, Clarence. Cotton crop insurance. Cotton and Cotton Oil Press 40(20):16. Aug.5,1939. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Editorial on the "report of the Bureau of Agricultural Economics on its studies in a contemplated project for cotton crop insurance comparable to the wheat crop insurance project already in effect."
2848. Ratcliff, J.D. Arkansas giant. How the world's largest cotton farm keeps its 11,000 contented workers off relief and grosses millions in profits even in periods of depression. The amazing story of a 57,000 acre kingdom which contains seven towns, model swimming pools, beauty parlors, and even its own railroad. Country Home 63(9):16-17,27,29. September 1939. (Published at 250 Park Ave., New York, N.Y.) 6 F22
The Wilson Farm, Wilson, Arkansas is described.

2849. Scoggin, W.T. Meat and dairy regions suffer as south is weaned from cotton. Scoggin of New Mexico foresees further economic dislocation. Cotton Trade Jour. 19(33):7. Aug.19,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

2850. Sharp trend away from cotton in Texas evident. Farmers not planting within one million acres of allotment, estimates indicate. Tex. Co-op. News 19(8):1. Aug.15,1939. (Published by Texas Co-operative Publishing Co., Inc., 1100 South Ervay St., Dallas, Tex.) 72.9 T315F

Production Credit

2851. India--Mysore to grow more cotton. Textile Weekly 24(596):134. Aug.4,1939. (Published at 49, Deansgate, Manchester, 3, Eng.) 304.8 T3127
"There are possibilities of a State Government loan to encourage home-grown cotton, as Mysore is in the process of an industrial revolution and the textile industry is rapidly expanding."

Cotton Land Resources

2852. Mississippi state planning commission. Land planning division. Land economy, Mississippi. 54pp., processed. [Jackson?] 1937. 280.7 M6922L
Cotton, pp.8-10.

Farm Social Problems

2853. Hudgens, R.W. "As the rope supports the hanged." Land Policy Rev. 2(4):7-11. July-August 1939. (Published by U.S. Department of Agriculture, Bureau of Agricultural Economics, Washington, D.C.)

The work of the Farm Security Administration in the states of South Carolina, Georgia, Alabama, and Florida is discussed.

2854. Steanson, Oscar. Square meals from spare acres. Land Policy Rev. 2(4):1-6. July-August 1939. (Published by U.S. Department of Agriculture, Bureau of Agricultural Economics, Washington, D.C.)

A study of the relationship of land to food requirements in the South.

2855. Taber, Harry B. The share-cropper at least has a job. Nation's Business 27(6):30. June 1939. (Published by the Chamber of Commerce of the United States, 1615 H St., N.W., Washington, D.C.) 286.8 N212

The author tells his experiences with sharecroppers.

Cooperation in Production (One-Variety Communities)

2856. A cotton lesson from India. Farmer-Stockman 52 (16):411. Aug. 15, 1939. (Published at 500 North Broadway, Oklahoma City, Okla.) 6 Ok45

One-variety communities in India are discussed.

2857. Improved varieties are adopted. Interest in cotton improvement has been greatly stimulated. Okla. Cotton Grower 19(11):4. July 15, 1939. (Published at 10 West Sixth St., Oklahoma City, Okla.) 72.8 Ok4

"More than 10,000 farmers in 87 one-variety cotton improvement associations in 29 Oklahoma counties have planted their allotted AAA cotton acreage with pure seed of improved varieties of cotton this spring."

2858. Single variety contest. Acco Press 17(8):12. August 1939. (Published by Anderson, Clayton & Co., Houston, Tex.) 6 Ac2

"Hunt County leads in the number of communities entered in the Single-Variety-Cotton Community Contest of East Texas Chamber of Commerce with ten. Polk County has five and Harris County three. Cotton improvement interest in East Texas helped to increase the average staple length by 1/16 inch for 1938 production over that of 1937."- Entire item.

2859. Wasson, R.A. One variety cotton improvement association. La. Agr. Col., Ext. Circ. 182, 8pp. [Baton Rouge] 1939. 275.29 L93C

See also Items nos. 2817, 2932, 2951, 2955, 2957, 3068.

PREPARATIONGinning

2860. Adams, Orville. It won't be long now. Cotton and Cotton Oil Press 40(20):17. Aug. 5, 1939. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C322
The outlook for the ginning business this season.
2861. Bennett, Charles A., and Gerdes, Francis L. Cotton gin operating and testing equipment. 14pp., processed. Washington, U.S. Department of agriculture, Bureau of agricultural engineering and Bureau of agricultural economics, 1939.
2862. Better ginned cotton aim of drive in Georgia. Textile Bull. 56(11):30. Aug. 1, 1939. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N.C.) 304.8 So82
2863. Co-op cotton gins increasing rapidly. Tex. Co-op. News 19(8):3. Aug. 15, 1939. (Published by Texas Co-operative Publishing Co., Inc., 1100 South Ervay St., Dallas, Tex.) 72.9 T315F
2864. Cotton. News for Farmer Coops. 6(5):21-24. August 1939. (Published by U.S. Farm Credit Administration, Washington, D.C.)
"Cotton farmers are giving more serious thought to cooperatives than at any time in the past two decades. From 50 to 100 co-op gins have been organized each year for the past 5 years. Five cooperative cottonseed-oil mills have been organized during the same period."
2865. Hurst, F.J. The grower and the ginner make the grade. Prog. Farmer (Miss. Valley ed.) 54(8):7, 32. August 1939. (Published at Cotton Exchange Bldg., Memphis, Tenn.) 6 So81
Comments on the work of the U.S. Cotton Ginning Laboratories are given.
2866. Oglesbee, J.C., Jr. The grower and the ginner make the grade. Prog. Farmer (Ga.-Ala.-Fla. ed.) 54(8):7. August 1939. (Published at 821 North Nineteenth St., Birmingham, Ala.) 6 P945G
Cultivation and ginning factors that affect cotton quality are noted.

2867. To promote better cotton ginning. Tex. Weekly 15(32):9. Aug. 12, 1939. (Published at Liberty Bank Bldg., Dallas, Tex.) 280.8 T31
Efforts of the Texas State-wide Cotton Committee to improve ginning practices are noted.
2868. Webb, R.W. Cotton areas show interest in handling and ginning. U.S. Dept. Agr., Agr. Marketing Serv., Marketing Activities 1(2):17-18. August 1939. (Published at Washington, D.C.)

See also Items nos. 2802, 3064, 3075, 3084.

Baling

2869. Garner, C.G. Cotton bagging for Georgia cotton. South. Agr. 69(9):15. September 1939. (Published at 1523 Broadway, Nashville, Tenn.) 6 So83
"The AAA program to subsidize the manufacture of 1,000,000 patterns of cotton bagging for wrapping cotton in the South was announced late but as an experiment has been very successful in Georgia."
2870. More cotton on cotton. Farmer-Stockman 52(15):392. Aug. 1, 1939. (Published at 500 North Broadway, Oklahoma City, Okla.) 6 Ok45
Editorial on the use of cotton bagging on cotton.

See also Items nos. 2951, 2978, 3001, 3063, 3066.

MARKETING

General

2871. Garside, Alston H. World production and use of cotton in healthy state. Trade functions normally despite wars, exchange restrictions, rayon. Jour. Com. [New York] 181(13995):1A, 5A. Aug. 2, 1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82

Demand and Competition

2872. Australian cotton venture. Textile Mercury and Argus 100(2623):815. June 30, 1939. (Published at 41, Spring Gardens, Manchester, Eng.) 304.8 T318
The outlook for the production of cotton textiles in Australia is noted.

2873. Barter. Co-op Cotton Weekly News 6(5):2. Aug.10, 1939. (Published at Bakersfield, Calif.)
 "The Egyptian Government is negotiating a barter with Great Britain whereby Egyptian cotton is to be exchanged for British arms and ammunition."-Entire item.
2874. Behind cotton sale to Spain. How deal with Franco was made and factors back of it. U.S. News 7(33):12. Aug.14,1939. (Published at 2201 M St., N.W., Washington, D.C.) 280.8 Un33A
2875. Bertrand, Jules. The textile industry, distribution, range and characteristics. Times Trade and Engineering [London] (n.s.) 45(904):xxvi, xxix. June 1939. (Published by Times Publishing Co., London, E.C.4, Eng.) 286.8 T482
 "A broad review. Belgium has 53 cotton spinning mills with 1,984,000 spinning and 360,000 doubling spindles. La Textile Société Coopérative controls 1,300,000 spindles. Only one mill spins as fine as 80's. There are about 40,000 cotton looms and a wide range of cloth is manufactured.-C."-Brit. Cotton Indus. Res. Assoc., Summary of Current Lit. 19(14):430. Aug.1,1939.
2876. Both Japan and U.S. face losses. Abrogation of treaty would hurt American suppliers of cotton, gasoline, and other products. Roosevelt acts to protect investments at Shanghai. Business Week no.518, pp.12,14. Aug.5,1939. (Published by McGraw-Hill Publishing Co., 330 West 42nd St., New York, N.Y.) 280.8 Sy8
2877. Brackeen, L.O. Synthetic fiber production is hurting cotton farmer; use of rayon is increasing steadily. This Month in Rural Ala. (Section, the Lee County Bull.) Aug.3,1939, p.2. (Published at Auburn, Ala.)
2878. Carter, Hodding. Textile payrolls at Fall River up \$50,000 per week. Style-makers becoming cotton-conscious says National cotton council head. Cotton Trade Jour. 19(34):1. Aug.26,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
2879. Comparativo do consumo de algodao nas fabricas deste estado. Brazil, Servico de Plantas Texteis, Pernambuco (State), Boletim de Estatistica,

Informações e Propaganda 4(25):8. January 1938.
 (Published at Pernambuco, Brazil) 286.3729 B73
 Comparative use of cotton in the fabrics
 of this state [1934/35 to 1937/38]. This is
 shown by a table.

2880. Cotton barter deal one-sided, favors U.S., says
 German bank. Expect further withdrawals of com-
 modities from trade reserves. Cotton Trade Jour.
 19(34):6,8. Aug. 26, 1939. (Published at 310
 Union St., New Orleans, La.) 72.8 C8214

2881. Cotton manufacturing in Brazil. Amer. Wool &
 Cotton Reprtr. 53(29):36. July 20, 1939. (Pub-
 lished by Frank P. Bennett & Co., Inc., 530
 Atlantic Ave., Boston, Mass.) 304.8 W88
 "Brazil now has about 375 cotton mills which
 in 1938 produced a sufficient quantity of cloth
 to meet domestic demand and have a surplus for
 export."

2882. Cotton piece goods--Production increasing in
 Egypt, imports declining. Com. Repts. no. 33,
 p. 749. Aug. 19, 1939. (Published by U.S. Bureau
 of Foreign and Domestic Commerce, Washington,
 D.C.) 157 C76D
 "Production of cotton cloth in 1938 approxi-
 mated 90,000,000 square meters (of 1.196 square
 yards each), a gain of about 10,000,000 over
 the 1937 output and almost three times the 1933
 production."

2883. The cotton-rubber barter. Textile Recorder 57
 (676):15. July 6, 1939. (Published at Old
 Colony House, Manchester, 2, Eng.) 304.8 T311
 Editorial.

2884. Cotton, scientists and fatalists. Amer. Dyestuff
 Reprtr. 28(12):323. June 12, 1939. (Published
 by Howes Publishing Co., Inc., 440 Fourth Ave.,
 New York, N.Y.) 306.8 Am3
 Editorial on the competition between fibers.

2885. Egypt rejects barter plans. Financ. News 7(29):12.
 July 29, 1939. (Published at Yusuf Bldg., 43,
 Esplanade Road, Fort, Bombay, India) 286.8 F496
 "Mail week reports suggest that Germany had
 proposed a barter agreement to Egypt with a
 view to exchange German machinery for Egyptian
 cotton. Yugoslavia also made a similar proposal

to exchange her products for cotton. The Egyptian Government, however, thought it fit to reject the offers in as much as the Egyptian Treasury would fail to receive taxes on bartered goods."-Entire item.

2886. England's cotton piece goods industry. Textile Colorist 61(728):518. August 1939. (Published at Woolworth Bldg., 233 Broadway, New York, N.Y.) 306.8 T31

"The United Kingdom's export trade in cotton piece goods in 1938 receded to the lowest levels for any year since 1850."

2887. La exportación de fibra de algodón Norteamericano por medio de trueque con Inglaterra, afectarán los precios del algodón Argentino. En el mercado de Liverpool, declinará la demanda de nuestro algodón y los precios del mismo. Gaceta Algodonera 16(185):1-2,4. June 30, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

The exportation of North American cotton by barter with England, will affect the prices of Argentine cotton. In the Liverpool market, the demand and prices for our cotton will decrease.

2888. Exports of cotton piece-goods in 1938. Gt. Brit. Bd. Trade Jour. 143(2224):87-88. July 20, 1939. (Published by H.M. Stationery Office, York House, Kingsway, London, W.C.2, Eng.) 256.03 T67J

2889. Give Spain credit for 250,000 bale purchase in U.S. Import-export bank of U.S. to provide 80 per cent of necessary credit. Cotton Trade Jour. 19(32):1,5. Aug.12, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Also in Cotton Digest 11(45):5. Aug.12, 1939.

2890. [Great Britain. Board of trade] Import duties act inquiry, 1937. Preliminary report, no.3. Textile trades. Gt. Brit. Bd. Trade Jour. 143(2223): Suppl. i-xii. July 13, 1939. (Published by H.M. Stationery Office, York House, Kingsway, London, W.C.2, Eng.) 256.03 T67J
Cotton trade, pp.v-viii.

2891. Guha, A.B. The cotton textile industry in Bengal. Favourable conditions for a vast domestic market. Indian Textile Jour. 49(585):359-361. June 15, 1939. (Published at Military Square, Fort, Bombay, India) 304.8 In2
Lecture delivered on February 15, 1939 to the Calcutta University Students (Career Lecture Series no.8).
2892. Indian piecegoods and yarn trade. Calcutta complains of irregularities. Bombay government's warning. Indian Textile Jour. 49(585):349. June 15, 1939. (Published at Military Square, Fort, Bombay, India) 304.8 In2
2893. [International cotton committee] Cotton delegates of 13 nations hit cotton barter. Cotton Trade Jour. 19(32):1, 5. Aug. 12, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
The text of resolutions adopted at a meeting of the International Cotton Committee held in Zurich, August 5, 1939, and addressed to the Secretary of Agriculture is given.
Also in Cotton [Manchester] 45(2172):5. Aug. 5, 1939; Textile Weekly 24(597):160. Aug. 11, 1939.
2894. Italy. New textile fibers have been produced. Indus. and Engin. Chem., News Ed. 17(13):440. July 10, 1939. (Published by American Chemical Society, Mills Bldg., Washington, D.C.) 381 J825
"A laboratory for industrial research has found a process for the preparation of textile fibers derived from fish skin. These fibers are said to have a solidity 25 per cent higher than that of natural silk. It is reported that from 1 kg. of fish skin about 80 to 85 kg. of fibers can be produced."
2895. The Japanese textile industry under the war economy. Financ. News 7(28):6, 16. July 22, 1939. (Published at Yusuf Bldg., 43, Esplanade Road, Fort, Bombay, India) 286.8 F496
2896. Labor turn-over in the cotton-textile industry, 1937 and 1938. Monthly Labor Rev. 49(1):213-216. July 1939. (Published by U.S. Department of Labor, Bureau of Labor Statistics, Washington, D.C.) 158.6 B87M

2897. Lancashire reported to favor continuation of spindles board. Required two-thirds vote of industry to extend work of absorbing redundant machinery is believed practically assured--Of 4,569,000 spindles acquired, 4,097,000 were disposed of by last September, it is pointed out. Daily News Rec. no.187, p.6. Aug.11,1939. (Published at 8 East 13th St., New York, N.Y.)
286.8 N48

2898. McLaurine, W.M. The economic situation. Amer. Dyestuff Reptr. 28(12):P320-P322. June 12,1939. (Published by Howes Publishing Co., Inc., 440 Fourth Ave., New York, N.Y.) 306.8 Am3
Presented at meeting of Southeastern Section, American Association of Textile Chemists and Colorists, February 18,1939.

The situation is illustrated by references to the cotton-textile industry.

2899. Marshall, Monroe E. Rayon enters new phase of dynamic growth. With prices low, profits hinge on further large expansion of volume. Mag. Wall St. 64(9):442-443,478-479. Aug.12,1939. (Published at 90 Broad St., New York, N.Y.)

2900. [Molyneaux, Peter] [Less trade with Japan to hit Texas hardest. Termination of treaty is diplomatic move but may have serious economic effect.] Tex. Weekly 15(31):1-3. Aug.5,1939. (Published at Liberty Bank Bldg., Dallas, Tex.)
280.8 T31

The effect of the termination of the 1911 treaty of commerce with Japan is discussed with particular reference to cotton.

2901. More rayon--less cotton? Amer. Wool & Cotton Reptr. 53(29):1,37-39. July 20,1939. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

An editorial which states in part "The fact is that growers of cotton cannot afford to permit any important increase in the price of cotton, or they are likely to lose their market or a large part of it. If cotton is to be held up in production, it must be grown and sold at a relatively low price and even under such conditions it may be only a question of time when some small change may occur to cause the replacement by rayon."

2902. Preparing the ground. Indian Textile Jour. 49(585):344. June 15, 1939. (Published at Military Square, Fort, Bombay, India) 304.8 In2
Editorial presenting points to be considered before renewing the Indo-Japanese Cotton Protocol which comes to an end March 31, 1940.
2903. Puerto Rican textiles. Textile Colorist 61(725):305. May 1939. (Published at Woolworth Bldg., 233 Broadway, New York, N.Y.) 306.8 T31
Brief article giving a statistical summary of the textile trade of the United States with Puerto Rico in 1938.
2904. Rossiter, Fred J. American cotton and the orient. Amer. Cotton Grower 5(3):10-11. August 1939. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32
"The demand for American cotton in the Orient may for many years continue below the level of the pre-Sino-Japanese conflict."
2905. [Tsuda, Shigo] Transfer of Japan's cotton spinning industry to Asiatic mainland urged. Head of Nippon association declares growth of heavy production, resulting in high prices, makes it necessary to move mills to where labor is cheaper--Act to overcome fiber shortage in plants of North China. Daily News Rec. no.182, pp.1,7. Aug.5,1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48
2906. Williams, Ben J. Treaty break with Japs is blow to South. Southern cotton farmer to lose best customer because of break. Cotton Trade Jour. 19(31):1. Aug.5,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
2907. [Williams, Ben J.] U.S. strangulation of Japanese trade with South unjust. Williams warns of fallacy of mixing political and business considerations. Cotton Trade Jour. 19(34):8. Aug.26,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
2908. Windel, Dudley. World outlook improves on U.S. cotton. Amer. Cotton Grower 5(3):8,27. August 1939. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

2909. World developments in rayon. Subsidies of no value when fundamentals change--Foreign mills will need less cotton because of spun rayon--Lower price needed to save cotton. Amer. Wool & Cotton Repr. 53(31):7-8, 26. Aug. 3, 1939. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

"The accumulation of cotton which the government holds is not the result so much of business conditions as it is the result of a fundamental change in fiber relations."

2910. World textile fibre output. Twenty per cent. decline in past year. Textile Mercury and Argus 101(2624):10. July 7, 1939. (Published at 41, Spring Gardens, Manchester, Eng.) 304.8 T318

Tables show production of cotton, rayon, wool, flax, and silk, 1930-31 to 1938-39, and price indices of cotton, wool, rayon and linen yarn and raw silk 1932 to June 1939.

See also Items nos. 2851, 2871, 2923, 2926, 2929, 2939, 2951, 2953, 2958, 2997, 3045, 3047, 3050, 3052, 3053, 3062, 3065, 3074, 3076, 3082.

Supply and Movement

2911. Atchison, J.C. Murchison [Claudius T.] urges 50% cotton waste quota on imports. Points out world price drops would allow shipments here to undermine aid to growers. Daily News Rec. no. 191, pp. 1, 19. Aug. 16, 1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48

2912. Bean, L.H. Export prospects for southern farm products. South. Econ. Jour. 6(1):1-19. July 1939. (Published at Chapel Hill, N.C.) 280.8 So84

The author concludes "With respect to cotton export prospects that if we could regain a 43 per cent share of foreign consumption, with foreign consumption of all cotton at 22 million bales, we would be exporting annually an average consumption of about 9.5 million bales... The export prospects for cotton, in so far as we have the power to affect them, depend on how we resolve the conflict between our desire to have a larger share in the foreign cotton markets and our desire to have a better standard of living in the South derived from cotton." The article is illustrated by charts and statistical tables.

2913. Brown, Harry L. The cotton export program.
Amer. Cotton Grower 5(3):6,27. August 1939.
(Published at 535 Gravier St., New Orleans, La.)
72.8 Am32
2914. Business summary. U.S.A. cotton subsidy of 1 1/2
cents a lb. Textile Weekly 24(595):99,102.
July 28, 1939. (Published at 49, Deansgate,
Manchester, 3, Eng.) 304.8 T3127
Editorial.
2915. Chavirin, Ivan. O mecanismo estatística da nossa
exportação algodoeira. Ouro Branco 5(2):10.
June 1939. (Published at R. Quintino Bocayuva,
54, Sao Paulo, Brazil)
Statistics of our cotton exports.
2916. Dantas, José Garibaldi. Changai e os algodões de
São Paulo. Ouro Branco 5(1):8-9. May 1939.
(Published at R. Quintino Bocayuva, 54, Sao
Paulo, Brazil)
Shanghai and Sao Paulo cotton.
2917. Disastrous export subsidy scheme may be end of
"agricultural planning." Cotton Digest 11(44):8.
Aug. 5, 1939. (Published at 710 Cotton Exchange
Bldg., Houston, Tex.) 286.82 C822
Editorial.
2918. Egypt abandons cotton export tax. Jour. Com.
[New York] 181(14005):12. Aug. 14, 1939. (Pub-
lished at 63 Park Row, New York, N.Y.)
286.8 J92
"The Government today decided to abolish its
10 piastre per kantar--about 1/2c per pound--
export tax on cotton in an effort to offset the
United States cotton subsidy."-Entire item.
Also in Com. Repts. no. 34, p. 777. Aug. 26, 1939.
2919. Egypt wants a barter plan for cotton. Textile
Weekly 24(597):160. Aug. 11, 1939. (Published
at 49, Deansgate, Manchester, 3, Eng.)
304.8 T3127
An export subsidy of \$2 per kantar is being
considered.
2920. [Evans, Sterling C.] Brazil cotton called threat.
Cotton Digest 11(46):5. Aug. 19, 1939. (Pub-
lished at 710 Cotton Exchange Bldg., Houston,
Tex.) 286.82 C822
Also in Tex. Ext. Serv. News 25(10):10.
July 1939.

2921. Exports. United States exports 58 percent less than the 10-year 1923-32 average. Cotton Situation no.34, pp.3-5. Aug.29,1939. (Published by U.S. Department of Agriculture, Bureau of Agricultural Economics, Washington, D.C.)

"The 3,327,000 running bales of American cotton exported during the 12 months ended July 1939 were only 59 percent of the comparatively small exports of the preceding season and 42 percent of the average for the 10 years ended July 1933. This was the smallest, by a considerable margin, than for any corresponding 12 months since exports in running bales were first reported in 1887-88. In terms of 500-pound bales, the total for the past season amounted to 3,513,000 bales and was the smallest since 1881-82, or in 57 years."

2922. Extend subsidy to neighboring countries soon. September 1 inclusion of Canada, Mexico and others is hope as United States Tariff commission ends hearings. August imports zoom up. Cotton Trade Jour. 19(33):1,5. Aug.19,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

2923. Fields white with cotton. Tex. Farming and Citricult. 16(2):5,12-13. August 1939. (Published by E.C. Watson Publishing Co., 210 East Van Buren St., Harlingen, Tex.) 80 T31
The present cotton situation in the Lower Rio Grande Valley of Texas is described.

2924. Gomes, Pimentel. A economia algodoeira. Ouro Branco 5(1):14-16. May 1939. (Published at R. Quintino Bocayuva, 54, São Paulo, Brazil) Cotton economy (world).

2925. Harriss, Robert M. Harriss sees tax, monetary change needed for recovery. Export subsidy plan held futile for improvement of cotton trade--Analyzes industrial, labor and financial situation--Urges tariff revision and governmental economy. Jour. Com. [New York] 181(13995):7A. Aug.2,1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82

2926. Knell, Frank J. Foreign spinners expected to buy cotton heavily this year. Knell predicts large export movement during new season. Normal needs of foreign users likely to boost figure, while inducement to spinners to restock could add more--Sees subsidy as uncertain factor. Jour. Com. [New York] 181(13995):3A. Aug.2,1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82
2927. Leite de Almeida, José. A alternativa com que se defronta o Brasil. Ouro Branco 5(1):10-12. May 1939. (Published at R. Quintino Bocayuva, 54, São Paulo, Brazil)
The alternative which Brazil faces (regarding cotton production).
2928. [Molyneaux, Peter] [Economic war started on its way quietly. World-wide regimentation of cotton-growing real objective of export subsidy.] Tex. Weekly 15(30):1-3. July 29,1939. (Published at Liberty Bank Bldg., Dallas, Tex.) 280.8 T31
Editorial.
2929. Nettel, Rudolf G. Severe competition for export cotton is seen in Europe. Subsidy partially meets complex situation, Nettel states. Jour. Com. [New York] 181(13995):6A. Aug.2,1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82
2930. New Orleans cotton exchange. Annual report. Cotton crop of the United States for 1938-39. 8pp. New Orleans, 1939. 287 N47S
Extracts in Cotton Trade Jour. 19(32):1,3. Aug.12,1939; Cotton Digest 11(45):3,17-18. Aug. 12,1939.
2931. Nicaragua. Food crops and sugarcane--Cotton. Com. Repts. no.33, p.745. Aug.19,1939. (Published by U.S. Bureau of Foreign and Domestic Commerce, Washington, D.C.) 157 C76D
"Statistics received from reliable sources indicate that cotton exports for the first 7 months of 1939 amounted to 2,419,245 pounds, and that stocks remaining in Nicaragua were 150,000 pounds on July 31. These two totals combined are taken to represent production for the 1939 season."

2932. One-variety cotton export program will be continued. Program intended to demonstrate to foreign spinners high quality of American cotton in one-variety areas. Texas cotton includes Victoria area. Tex. Co-op. News 19(8):1. Aug.15, 1939. (Published by Texas Co-operative Publishing Co., Inc., 1100 South Ervay St., Dallas, Tex.) 72.9 T315F
2933. Ousley, Clarence. Export bounty on cotton. Cotton and Cotton Oil Press 40(20):16. Aug.5,1939. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Editorial.
2934. [Ray, W.B.] Subsidy going to pull cotton part way out of bog, says Ray. Cotton Trade Jour. 19(32):3. Aug.12,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
2935. Revere, C.T. Many interesting phases to cotton outlook, Revere notes. Daily News Rec. no.174, p.5. July 27,1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48
"For the first time in the history of the cotton growing industry, the planted area this season represents net acreage. In no previous season has there been such detailed attention to checking and rechecking the actual amount of land devoted to cotton cultivation." Other aspects of the outlook for the 1939 season are also considered.
2936. Safras algodoeiras de Pernambuco. Brazil, Servico de Plantas Texteis, Pernambuco (State), Boletim de Estatistica, Informaçoes e Propaganda 4(25):2. January 1938. (Published at Pernambuco, Brazil) 286.3729 B73
Cotton crops of Pernambuco. Table gives statistics of production and acreage for the years 1921/22 to 1936/37.
2937. Sea island cotton now grown in Texas. Cotton Trade Jour. 19(31):3. Aug.5,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
2938. Secretary Wallace announces an export program for cotton. Domestic Com. 24(4):66. Aug.10,1939. (Published by U.S. Department of Commerce,

Bureau of Foreign and Domestic Commerce, Washington, D. C.)

The salient points of the program are noted.

Also in Rayon Organon 10(9):116-117, 120.

August 1939; Tex. Co-op. News 19(8):1, 4. Aug. 15, 1939.

2939. Urges quota plan on cotton imports. Asked at tariff hearing on lint, waste, piece goods by Agriculture officials. Jour. Com. [New York] 181 (14006):1, 7. Aug. 15, 1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82

"The export subsidy program was intended to maintain the price of American cotton above present low world levels, but foreign cotton is being imported in considerable volume, particularly since the subsidy plan was put into effect."

Also in Daily News Rec. no. 190, pp. 1, 15. Aug. 15, 1939.

2940. Wallace gratified by cotton subsidy. Says up to Aug. 14 export applications made cover 622,863 bales. Jour. Com. [New York] 181(14009):12. Aug. 18, 1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82

2941. Wallace waves economic "big stick" with export subsidy scheme. Cotton Digest 11(45):10. Aug. 12, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Editorial.

2942. Wasson, R.A. Looking ahead in cotton production. La. Agr. Col., Ext. Circ. 181, 3pp. [Baton Rouge] 1939. 275.29 L93C

2943. Wooton, Paul. Enter the export subsidy. Wallace put it into effect despite opposition--Domestic subsidy considered. Textile World 89(9):44-45. August 1939. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N.Y.) 304.8 T315

The export subsidy rates on cotton products are given.

See also Items nos. 2804, 2806, 2807, 2813, 2815, 2816, 2850, 2866, 2871, 2944, 2951, 2955, 2959, 3036, 3038, 3045, 3054, 3061, 3066, 3076.

Prices

2944. [New York cotton exchange] American cotton prices lifted by export subsidy. Jour. Com. [New York] 181(14006):9. Aug.15,1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82

"The major effect of the subsidy to date has been to raise the price of American cotton in this country rather than depress prices of foreign cottons abroad."

See also Items nos. 2887, 2910, 2911, 2923, 3028, 3038, 3060.

Marketing and Handling Methods and Practices

2945. Analyst. New contract trading light, both markets. Comparison of old and new contracts at New Orleans and at New York, one market with other is puzzle. Analyst sees increased delivery of actual cotton against contracts as most important bearish factor. Cotton Trade Jour. 19(33):1,8. Aug.19,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
2946. Duvel, J.W.T. Commodity administration seeks stronger futures system. Broad moves to improve economic standing of exchanges attempted. Dr. Duvel holds mere regulation of trading an incomplete enforcement of law--Reveals detailed analyses of cotton trading, leading to studies of call system, contract terms and means of preventing abuses--Suggests speculative limitation adjusted to open interest--Defends investment feature. Jour. Com. [New York] 181(13995):4A. Aug.2,1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82
2947. Exchange favors widening of cotton futures contract. 202 to 11 vote seen as indication earlier differences adjusted. Trading starts Aug.15 under revised terms. New arrangement provides for delivery of 15-16-inch staple as the basis grade. Jour. Com. [New York] 181(14000):1,14. Aug.8,1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82
- Also in Cotton Trade Jour. 19(32):1. Aug.12, 1939; Cotton Digest 11(45):4. Aug.12,1939.

2948. New cotton con't. outlook weighed. Jour. Com.
[New York] 181(14002):14. Aug. 10, 1939. (Published at 63 Park Row, New York, N.Y.)
286.8 J82

"With the new cotton contract scheduled to commence next Tuesday, August 15, for delivery in October, 1939, and later, trade opinions are being formulated as to the relationship of the new contract with the old."

2949. New Orleans changes futures contract. Cotton Digest 11(46):3. Aug. 19, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.)
286.82 C822

"The new form contract establishes the basis of the contract at middling, fifteen-sixteenths inch staple, and provides for delivery of 7/8 inch and 29/32 inch at full commercial discounts."

2950. Sehgal, Lila Krishan. A survey of the marketing of cotton in the Punjab. 145pp. Lahore, Minerva book shop, 1938. 280.372 Se4

"Cotton is the outstanding cash crop of the Punjab peasant and the returns he receives from it have considerable effects upon his general standard of living. This survey covers the field of cotton marketing from the production of the cotton plant in the field to the problem of co-operative marketing at the end of the process."

2951. Von Csiky, János. Zwei neuerungen in der baumwollwirtschaft von USA. Melliland Textilberichte 20(5):328-331. May 1939. (Published at Heidelberg, Germany) 304.8 T312

Two innovations in the cotton economy of the U.S.A.

"Figures showing the decline in consumption of American cotton and increase in the consumption of other growths are quoted and the two methods recently introduced to improve the competitive power of American cotton are discussed. These are the cultivation of cotton in one-variety communities and the use of cotton bagging. A special marketing plan for selected bales from one-variety communities has been introduced. Subsidies are being provided. The advantages of cotton bagging are described and data are given showing the savings in costs of the bagging material and in freight compared with jute bag-

ging. The use of cotton ropes instead of iron bands is also being tried. The chief handicap to the use of cotton bagging arises from the practice of buying cotton bales on a gross weight basis. American mills have agreed to make suitable allowances to the farmer for the lighter weight of cotton bagging.-C."-
British Cotton Indus. Res. Assoc., Summary of Current Lit. 19(13):378. July 15, 1939.

2952. Welford, Aubrey S. Bombay-New York arbitraging will be large in new season. Welford gives first-hand views on East Indian market, reputedly largest of futures exchanges--Trading customs and facilities described--Large blocks of cotton common. Jour. Com. [New York] 181(13995):3A. Aug. 2, 1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82

See also Items nos. 2961, 3051, 3074.

Marketing Services and Facilities

2953. Adaire, Deon. Inland warehouses to grade cotton. Cotton Digest 11(45):8,13. Aug. 12, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"Interior warehousemen won their fight late last week to hold loan cotton and sample it at warehouses where it is now located, before exchanging it in the barter agreement with Great Britain."
2954. Anthony, Marc. Declares merchants provide enormous outlets for cotton. Shippers association head praises soil conservation. Anthony maintains "tried and proven" methods of distribution would move large volumes of cotton into consumption here and abroad. Jour. Com. [New York] 181(13995):6A. Aug. 2, 1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82
2955. Free classification for improvement groups. Cotton Digest 11(46):5. Aug. 19, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Also in Daily News Rec. no. 188, p. 5. Aug. 12, 1939.

2956. Lanham, W.B. Approvals for free classification of 1939 cotton pass last year's total. U.S. Dept. Agr., Agr. Marketing Serv., Marketing Activities 1(2):23-25. August 1939. (Published at Washington, D.C.)
2957. Lanham, W.B. Government classing for one variety. Amer. Cotton Grower 5(3):14-15. August 1939. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32
2958. Let contract for servicing barter cotton. Job of selecting 675,000 bales for British reserve goes to Manget. Cotton Trade Jour. 19(34):1. Aug. 26, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 "For servicing cotton for delivery on British contract, the rate of payment will be 20 cents a bale where the cotton is moved to shipside from its present warehouse location, 25 cents a bale for cotton which has to be moved from present warehouse location to port of shipment."
 Also in Cotton Digest 11(47):12. Aug. 26, 1939.
2959. Nation's first bale of 1939 cotton received at port. Corpus Christi Port Book 9(1):7,9. July 1939. (Published by the Nueces County Navigation Commission, Corpus Christi, Tex.)
 The development of Corpus Christi as a cotton port is described. (Cotton receipts by seasons, p.30.)
2960. Nickerson, Dorothy. Artificial daylighting studies 18pp. [New York, Illuminating Engineering Society, 1939]
 A paper to be presented before the Thirty-third Annual Convention of the Illuminating Engineering Society, San Francisco, California, August 21-25, 1939.
 "Specifications for artificial daylighting for use in grading agricultural products include: a large source of relatively low brightness; duplication of color of moderately overcast north sky; intensities of 60-80 foot-candles. A lamp-and-filter unit approximating 7400K, with relative energy values reasonably close to daylight of a similar color temperature, proved satisfactory when tried for cotton classification. A similar type of unit approximating ICI

'C', proved too yellow. Other 'daylight' sources are discussed, the high temperature carbon arc, carbon dioxide, and fluorescent tubes, of which a large unit well designed for experimental purposes is now being studied. A satisfactory illuminating unit should provide the answer not only for one but all agricultural commodities, but this will be true only if energy values of the artificial illumination closely approximate those of preferred daylight. Judd's method of calculation for duplication index of one illuminant for another is being followed in connection with cotton work. The adoption of standard terminology should supplement experimental work in this field."

2961. Organización del comercio algodonero en San Pablo, Brasil. Clasificación del algodón. Vida Agricola 16(187):467-470. June 1939. (Published at Nunes 26A, Casilla 1159, Lima, Peru) 9.8 V66
Organization of the cotton trade in Sao Paulo, Brazil. Cotton classification.
2962. U.S. Department of agriculture. Agricultural marketing service. Free classification of cotton and cotton market news. Handbook for group representatives and others in communities organized to promote the improvement of cotton. 31pp., processed. Washington, 1939.
2963. U.S. government enters cotton marketing business. Cotton Digest 11(47):8. Aug. 26, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
An editorial on the announcement of Secretary Wallace that the Commodity Credit Corporation will take title to the 1934 and 1937 loan cotton.
2964. U.S. takes title to 5,270,000 of 1934-37 loans. Cuts amount of impounded cotton to less than 4,000,000 bales; due date 1938 loans extended to July 31, 1940. Cotton Trade Jour. 19(33): 1,5. Aug. 19, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Also in Cotton Digest 11(46):3. Aug. 19, 1939; Daily News Rec. no. 193, pp. 1, 4. Aug. 18, 1939.

See also Items nos. 2952, 3001, 3066, 3068, 3075.

Marketing Costs

2965. Exporters vs. steamship lines controversy at impasse; say demands may be withdrawn. Cotton Trade Jour. 19(31):1. Aug.5,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 "With small shippers, representing only 10 per cent of American cotton exports, having signed the agreement proposed by the two Gulf steamship conferences, negotiations between steamship officials and shippers had reached an impasse late this week."
2966. German-Italian war risk rates jump sky-high. Rates to England, France and South America among those unchanged. Cotton Trade Jour. 19(34):1,8. Aug.26,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 Also in Cotton Digest 11(47):3. Aug.26,1939.
2967. Signers few of booking agreement. Cotton Digest 11(44):6. Aug.5,1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
 "The contract system of booking cotton to the United Kingdom and ports in the Bordeaux-Hamburg range went into effect Tuesday of this week."
2968. Trade accepts ocean freight rate contract. Gulf conference and shippers come to terms, welcome stabilization of rates for cotton year, many sign. Fourth draft ratified. Cotton Trade Jour. 19(32):1,5. Aug.12,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 Also in Cotton Digest 11(45):3. Aug.12,1939.

See also Item no. 3059.

Cooperation in Marketing

2969. Co-ops fight for old farm board claim. Efforts are being made to regain losses sustained in old settlement. Okla. Cotton Grower 19(11):1,2. July 15,1939. (Published at 10 West Sixth St., Oklahoma City, Okla.) 72.8 Ok4
2970. U.S. Farm credit administration. Sixth annual report...1938. 238pp. Washington, U.S. Govt. print. off., 1939. 166.2 An7
 Cotton Cooperative Associations, pp.106-107.

See also Items nos. 2864, 2950, 3074.

UTILIZATIONFiber, Yarn and Fabric Quality

2971. Annual review of biochemistry. James Murray Luck and James H.C. Smith, editors. Vol.VIII. 676pp. Stanford Univ. P.O., Calif., Annual Reviews, inc., 1939. 381 An7
Literature cited at ends of chapters.
For studies of cellulose consult the index.

2972. Ant-Tuorinen, Olli. Selluloosan rakenne, erikoisesti hydrolyysitutkimusten valossa. Finnish Paper & Timber Jour. 21(9):329-330, 332-334, 336-338, 340. May 15, 1939. (Published at Helsingfors, Finland) 302.8 P199

In Finnish. English summary, pp.338, 340.

Constitution of cellulose with special regard to hydrolytic experiments.

Paper read at the meeting of the Society of Finnish Chemists at Helsinki, April 5, 1939.

"The first part of the paper is a review of the researches on the constitution of cellulose... In the later part an account is given of the work done by the author on the hydrolysis of cellulose. The homogeneous hydrolysis has been found to proceed in such a manner that the hydrolytic cleavage takes place preferably in the middle of the chain molecules in solution, which confirms the earlier findings obtained by other methods. On the other hand it has been ascertained that the heterogeneous hydrolysis proceeds in a way clearly revealing the chemical discontinuity of both the native and precipitated cellulose...-E.S."-Lawrence Col., Inst. Paper Chem., Bull. 9(11):488-489. July 1939.

2973. Bailey, I.W. The microfibrillar and microcapillary structure of the cell wall. Torrey Bot. Club, Bull. 66(4):201-213. April 1939. (Published by George Banta Publishing Co., Menasha, Wis.) 451 T63B

Literature cited, p.213.

"Presented before Section G of the American Association for the Advancement of Science at Richmond, Virginia, Dec. 28, 1938."

"This is a critical, analytical review (14 references) of studies of cells of various tissues in a wide range of both angiosperms and gymnosperms."-Expt. Sta. Rec. 31(2):184. August 1939.

2974. Berkley, Earl E. Cellulose orientation, strength and cell wall development of cotton fibres. Textile Research 9(10):355-373. August 1939. (Published by United States Institute for Textile Research, 65 Franklin St., Boston, Mass.) 304.8 T293
Literature cited, pp.372-373.
2975. Brown, F.G. To tell oxycellulose from hydrocellulose. Textile Colorist 61(725):310. May 1939. (Published at Woolworth Bldg., 233 Broadway, New York, N.Y.) 306.8 T31
2976. Fowler, J.L., and Hertel, K.L. Resistance of textile fibers to the flow of gas. Tenn. Acad. Sci., Jour. 14(2):223. April 1939. (Published at Nashville, Tenn.) 500 T25A
Abstract of paper presented to the Tennessee Academy of Science, Knoxville, Tennessee, January 6-7, 1938.
"The problem of fluid flow through a medium consisting of a mass of randomly arranged irregular solid cylinders was treated theoretically and the result checked with experimental data on air flow through cotton, wool, rayon, and glass fibers. The compressibility of such a medium makes possible a more thorough study of the effect of porosity than has been possible in other porous media. The results indicate a method for measuring the 'size' and density of the fibers."-Entire item.
2977. Haller. Über anormale baumwollen. Melland Textilberichte 20(5):362-364. May 1939. (Published at Heidelberg, Germany) 304.8 T312
Abnormal cottons.
"The abnormal resistance to bleaching shown by a sample of Blue Benders cotton which had been damaged by frosts is mentioned and a detailed account is given of the examination of a rust-red sample of cotton of Gossypium barbadense L. which in many respects resembled a good Texas cotton of Gossypium hirsutum L. The coloured cotton was examined under the microscope, subjected to tests with copper ethylenediamine, Ruthenium red, Safranin, and ferric chloride-ferricyanide, scoured and bleached and again submitted to the colour reactions. An abnormally high loss in weight in scouring was observed. Impurities removed in the scouring treatment were

isolated and examined. The results indicated the presence of aromatic substances having diazotisable amino groups. Difficulties that would be encountered in the processing of materials containing such abnormal cottons are discussed.-C."-Brit. Cotton Indus. Res. Assoc., Summary of Current Lit. 19(13):402. July 15, 1939.

2978. Henry, P.S.H. Diffusion in absorbing media. Roy. Soc. London, Proc., Ser. A 171(945):215-241. May 19, 1939. (Published by the Cambridge University Press, Bentley House, N.W.1, London, Eng.) 501 L84A

References, p.241.

"Equations are derived for diffusion in absorbing media, in connection with the uptake of moisture by cotton bales...-C."-Brit. Cotton Indus. Res. Assoc., Summary of Current Lit. 19(13):401. July 15, 1939.

2979. Kiessig, Heinz. Untersuchungen über die gitterstruktur der natürlichen cellulose. Zeitschrift für Physikalische Chemie 43B(2):79-102. May 1939. (Published at Akademische Verlagsgesellschaft M.B.H., Leipzig, Germany) 384 Z37B

Footnote references.

Research on the lattice structure of native cellulose.

"The discrepancies in Sauter's X-ray investigations of native cellulose are explained by the present investigation, full details of which are given, with clear X-ray spectrograms. The basic reflection (0 5 0) is extremely faint, but (0 3 0) is quite distinct; (0 1 0) is also very weak. Sauter's new cellulose model is challenged. The fact that the odd reflections (0 3 0) and (0 1 0) are quite definitely present, also contradicts the Meyer and Mark model. The original model of Sponsler and Dore (1926) is supported.-C."-Brit. Cotton Indus. Res. Assoc., Summary of Current Lit. 19(13):412. July 15, 1939.

2980. [Saco-Lowell shops] What becomes of the good fibre? Part II. An analysis of a specific cotton staple which indicates where the waste occurs. Saco-Lowell Bull. 11(2):11-15. June 1939. (Published at 60 Batterymarch St., Boston, Mass.) 304.8 Sal

Tests were made on a sample of Paulista cotton from Brazil.

2981. Sisson, Wayne A., and Saner, William R. An X-ray diffraction study of the swelling action of several quaternary ammonium hydroxides on cellulose fibers. Jour. Phys. Chem. 43(6):687-699. June 1939. (Published by the Williams & Wilkins Co., Mount Royal and Guilford Aves., Baltimore, Md.) 381 J822
References, p.699.
Presented before the Division of Cellulose Chemistry at the Ninety-fifth meeting of the American Chemical Society, held at Milwaukee, Wisconsin, September 5-9, 1938.
2982. Smith, William S., and Pearson, Norma L. Fragments from the chalazal end of the cotton seed--their formation and factors affecting extent of presence in ginned lint. 35pp., processed. Washington, U.S. Department of agriculture, Agricultural marketing service, 1939.
Extracts in Cotton Trade Jour. 19(34):7. Aug. 26, 1939; Cotton Ginners' Jour. 10(12):7, 11. September 1939.
2983. Staudinger, Hermann, and Reinecke, Friedrich. Über makromolekulare verbindungen. 203 Mitteil. Über das viscositätsgesetz in der cellulosereihe. Deutsche Chemische Gesellschaft, Berichte 71B (12):2521-2535. Dec. 7, 1938. (Published at Sigismundstrasse 4, Berlin, W 35, Germany) 384 B45
Footnote references.
Macromolecular compounds. Part 203. The viscosity law in the cellulose series.
Abstract in Chem. Abs. 33(5):1926-1927. Mar. 10, 1939.
2984. Staudinger, H., and Jurisch, I. Ueber makromolekulare verbindungen. 212 Mitteilung. Ueber den polymerisationsgrad der cellulose in ligniten. Papier-Fabrikant 37(22):Tech.-Wiss. Teil 181-184. May 26, 1939. (Published by Otto Elsner Verlagsgesellschaft, Berlin, SW 68, Germany) 302.8 P197
Footnote references.
Macromolecular compounds. Part 212. Concerning the degree of polymerization of cellulose from lignites.
"The degree of polymerization is recorded of cotton after heating in the air or a high vacuum at 85, 105, 125, 140 or 150° C. for 4 days or 150° C. for 2 or 6 days. Extensive degradation sets

in at about 120° C. The degree of polymerization of various celluloses and their nitrocelluloses from the lignites of brown coal is also recorded. Although the cellulose is too degraded to be of much use in paper making, it can scarcely have been exposed in the brown coal deposits to a higher temperature than 120° C.-C."-Brit. Cotton Indus. Res. Assoc., Summary of Current Lit. 19 (12):370. July 1, 1939.

2985. Sullivan, R.R., and Hertel, K.L. Density and fineness measurements on textile fibers. Tenn. Acad. Sci., Jour. 14(2):223. April 1939. (Published at Nashville, Tenn.) 500 T25A

Abstract of paper presented to the Tennessee Academy of Science, Knoxville, Tennessee, January 6-7, 1938.

"Values of the ratio of perimeter of cross-section to area of cross-section as measured by an air-flow resistance bridge were compared with microscopically measured values of the same quantity for fibers of different types of cotton, wool, and rayon. The surface area per gram of fiber and the fiber density as measured by the bridge method were indicated."-Entire item.

2986. Wergin, W. Direkte beobachtung von 0,2 μ grossen strukturelementen der pflanzlichen zellwand. Naturwissenschaften 26(37):613. Sept. 16, 1938. (Published by Julius Springer, Berlin, W 9, Germany) 474 N213

Direct observation of 0,2 μ large structural elements of the plant cell wall.

"Longitudinal sections of ripe cotton hairs 5 μ thick, were treated with cuprammonium and caustic soda. Besides the cellular defibrillation of the lamellae, it was possible to discern a partition of the single fibrils into fragments with dimensions about 0.2 μ . It is suggested that the appearance is due to the swelling of a more reactive substance occurring at regular intervals between the fragments.-C."-Brit. Cotton Indus. Res. Assoc., Summary of Current Lit. 19(13):402. July 15, 1939.

See also Items nos. 2800, 3082.

Technology of Manufacture

2987. Avery, W. & T., Ltd. Weighing machines for the cotton industry. Indian Textile Jour. 49(585):365. June 15, 1939. (Published at Military Square, Fort, Bombay, India) 304.8 In2
2988. Brooks and Doxey, Ltd. An improved cotton thread extractor. An automatic feed is applied to the thread extractor which removes thread from clearer or crow roller and like waste of American or shorter stapled cottons. Textile Manfr. 65(775):303. July 1939. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, Eng.) 304.8 T3126
2989. Hill, Harold. What is wrong with the Indian textile industry? Impressions of a technical expert. Indian Textile Jour. 49(585):348-349. June 15, 1939. (Published at Military Square, Fort, Bombay, India) 304.8 In2
The author "deals with the improvements that he saw in the Indian mills and offers valuable suggestions of a technical nature that should prove conducive to the betterment of the industry in this country."
2990. Mehn, S.V. Nomograph for traveler speeds. Textile World 89(9):59. August 1939. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N.Y.) 304.8 T315
2991. Movement of the ring rail. Building up the cop on the ring frame. Textile Weekly 24(596):141-142. Aug. 4, 1939. (Published at 49, Deansgate, Manchester, 3, Eng.) 304.8 T3127
2992. "Parkside." Ring cops--Points to observe. Comparative weights of yarn and tubes. Textile Mercury and Argus 101(2626):75. July 21, 1939. (Published at 41, Spring Gardens, Manchester, Eng.) 304.8 T318
2993. Reichenbach, G. Aufgaben im vorwerk. Monatschrift für Textil Industrie 54(5):126-128. May 1939. (Published by Theodor Martins Textilverlag, Leipzig, Germany) 304.8 L53
Spinning mill problems.
"Various problems and improvements in carding,

drawing and speed frame processes are discussed with special reference to the use of high drafts. Details are given of improved spinning plans.- C."-Brit. Cotton Indus. Res. Assoc., Summary of Current Lit. 19(13):381. July 15, 1939.

2994. [Saco-Lowell shops] The model J-3 controlled draft roving frame featuring needle, bearing top rolls, uniset spring pressure, and uniflex creel. Saco-Lowell Bull. 11(2):1-10. June 1939. (Published at 60 Batterymarch St., Boston, Mass.) 304.8 Sal

2995. Taylor, Edward. The management of cam mules. Hints on the changes and maintenance of this type of mule. Textile Recorder 57(676):22-23. July 6, 1939. (Published at Old Colony House, Manchester, 2, Eng.) 304.8 T311

2996. Taylor, E. Mule copping and winding alterations. When resetting mule levers an accurate knowledge of the results expected is necessary before alterations are made. Textile Manfr. 65(775):288-289. July 1939. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, Eng.) 304.8 T3126

Technology of Consumption

2997. A. & P. places order for 2,500,000 cotton bags. Textile Colorist 61(728):558. August 1939. (Published at Woolworth Bldg., 233 Broadway, New York, N.Y.) 306.8 T31

This order given by the Great Atlantic & Pacific Tea Company "will require the cotton production of an estimated 5,000 acres and provide the equivalent of a full week's employment for 18,000 persons." The bags will be used for flour.

Also noted in Business Week no. 518, p. 26. Aug. 5, 1939.

2998. Cotton brick may be next. Oil Mill Gazetteer 44(2):21. August 1939. (Published at Wharton, Tex.) 307.8 O153

The use of low grade cotton and linters in the manufacture of bricks for building purposes is discussed.

2999. Estradas de rodagem à base de algodao. Ouro Branco 5(2):16-19. June 1939. (Published at R. Quintino Bocayuva, 54, São Paulo, Brazil) Roads with a base of cotton.
3000. Meyers, Lawrence. Potential new markets for cotton. Amer. Cotton Grower 5(3):9,17. August 1939. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32
3001. Pima and SxP expansion hinges on better baling, grading, advertising. Ariz. Farmer 18(7):20. June 10, 1939. (Published at 313 North Third St., Phoenix, Ariz.) 6 Ar44
3002. Texans meeting Monday to plan prize offering. Special committee to draw up rules for \$10,000 cotton use prize. Cotton Trade Jour. 19(33):4. Aug. 19, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3003. Todesca, Rodolfo C. Hacia un mayor consumo de algodón. Argentine Republic, Junta Nacional del Algodón, Boletín Mensual no. 51, pp. 423-429. July 1939. (Published at Buenos Aires, Argentina) 72.9 Ar3
Towards a greater consumption of cotton.
3004. Ways to use more cotton. Farm and Ranch 58(8):33. August 1939. (Published at 3306 Main St., Dallas, Tex.) 6 T31

COTTONSEED AND COTTONSEED PRODUCTS

3005. Aid cottonseed now or farmer will be loser. National cotton council stresses need for quick action, pointing out that producers are selling at gins. Cotton Trade Jour. 19(34):1,8. Aug. 26, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3006. Amtorg corp. urges quota exemption for cotton linters. Offers plea at tariff inquiry--Institute doubts legality of inclusion in hearing. Jour. Com. [New York] 181(14008):1,13. Aug. 17, 1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82

3007. Blackwell, Jack. Factors causing declines in cottonseed values. Cotton and Cotton Oil Press 40(21):5-7. Aug.19,1939. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
3008. Bøker, H. World supply of fats and oils. Internatl. Inst. Agr., Monthly Bull. Agr. Econ. & Sociol. 30(6):243E-271E. June 1939. (Published at Villa Umberto I, Rome, Italy) 280.29 In83
Cottonseed oil is included.
3009. Brazil uses cottonseed as source for wood pulp. Cotton Trade Jour. 19(34):2. Aug.26,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Utilization of cottonseed hulls for production of cellulose pulp is reported.
3010. British India. Cotton linters--Export duty removed. Com. Repts. no.33, p.752. Aug.19,1939. (Published by U.S. Bureau of Foreign and Domestic Commerce, Washington, D.C.) 157 C76D
"The former tax of 2 annas per bale on cotton linters consumed in British India or exported therefrom has been removed, effective July 1, 1939, according to a report from the Office of the American Trade Commissioner, Calcutta, July 20."--Entire item.
3011. Cottonseed ask National cotton council for aid. Southern commissioners of agriculture send committee to Jackson. Cotton Trade Jour. 19(33):1,3. Aug.19,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Recommendations of the Southern Commissioners of Agriculture relative to improving the price of cottonseed are given.
Also in Cotton and Cotton Oil Press 40(21):13. Aug.19,1939.
3012. Cottonseed ills still a puzzle to U.S. bigwigs. Agriculture department can not put its finger on plan to bolster price. Cotton Trade Jour. 19(31):3. Aug.5,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3013. Cottonseed oil: situation and prospects. Fats and Oils Situation no.30, pp.5-13. Aug.14,1939. (Published by U.S. Department of Agriculture,

Bureau of Agricultural Economics, Washington, D.C.)

Statistics of prices, production, trade and stocks for the years 1934-1939 are given.

3014. The cottonseed problem. Cotton Ginners' Jour. 10(11):7,12. August 1939. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824

Competition between cottonseed oil and other oils is considered.

3015. Curtis, Robert S. Cottonseed meal, origin, history, research, for farmers, stockmen, college students and research workers. 513pp. Raleigh, N.C., R.S. Curtis Publishing co., 1938. 389.7 C94
Bibliography, pp.489-502.

The purpose of the book is "to separate, set forth and disseminate applicable truths concerning the South's greatest feed asset for the betterment and enhancement of agriculture and livestock."

3016. Hartwell, Gladys Annie. A note on the digestion of margarine. Soc. Chem. Indus., Jour. (Trans.) 58(4):165-167. April 1939. (Published by the Society of Chemical Industry, Clifton House, Euston Road, London, N.W.1, Eng.) 382 M31

Footnote references.

"It was found that different brands of margarine are digested by pancreatic lipase at different rates, and that some varieties which were rapidly digested gave curves nearly equal to that obtained for butter. On the other hand, some samples were digested slowly, but even these gave better curves than that of olive oil which has previously been shown to digest at approx. the same rate as beef, mutton and bacon fats."-Oil and Soap 16(7):143. July 1939.

3017. Lea, C.H. Rancidity in edible fats. 230pp. New York, Chemical publishing co., inc., 1939. (Gt. Brit. Dept. Sci. & Indus. Res., Food Investigation Special Report no.46) 307 L46

References at ends of chapters.

Table shows the component fatty acids of some vegetable fats, including cottonseed oil, p.7.

3018. Lee, Alan Porter. The winterizing of cottonseed oil. Oil and Soap 16(8):148-150. August 1939. (Published by Gillette Publishing Co., 400 West Madison St., Chicago, Ill.) 307.8 J82
 "A brief historical summary of methods used in the production of salad oil from cottonseed oil with general description of a recently developed method employing direct expansion of liquified gaseous refrigerant in the coils of the winterizing vessels, eliminating the use of intermediate cooling media such as brine or water."
3019. Market for cotton seed oil endangered by oleo. United Dairymen's Assoc., Ann. 1938, p.35. (Published at 635 Elliot Ave., West, Seattle, Wash.) 280.2449 Un3
 "The dairy industry is a far better customer" for cottonseed products than is the cottonseed oil industry.
3020. Marketing cottonseed on grade. Co-op Cotton Weekly News 6(4):2. Aug. 2, 1939. (Published at Bakersfield, Calif.)
 Marketing of cottonseed on grade is advocated.
3021. May make gas mask carbon from hulls of cottonseed. Cotton Trade Jour. 19(34):7. Aug. 26, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 "Activated carbon of a type suitable for use in gas masks may be produced from cottonseed hulls as a result of researches conducted by the Mellon Institute for the Cotton Research Foundation."
3022. [National blow pipe & manufacturing co.] Why it pays to do a good job of cleaning lint. Oil Mill Gazetteer 44(2):4, 6-7. August 1939. (Published at Wharton, Tex.) 307.8 O153
 The advantages of cleaning linters when they are to be sold on the basis of cellulose content are discussed.
3023. Olcott, H.S., and Fontaine, T.D. Composition of cottonseeds. I. Solubility of nitrogenous constituents. Amer. Chem. Soc., Jour. 61(8): 2037-2040. August 1939. (Published at Easton, Pa.) 381 Am33J
 Footnote references.
 "Cottonseed meats have been ground and

extracted with ether. The effect of pH and of a number of salts on the extraction of the nitrogenous constituents from the meal is recorded."-Summary.

3024. Robison, W.L. Cottonseed meal for growing and fattening pigs in dry lot. Ohio Agr. Expt. Sta. Bimonthly Bull. 24(199):109-121. July-August 1939. (Published at Wooster, Ohio) 100 Oh3S

3025. See cotton farm economy in use of stored meats. Storage of cured meats in cottonseed oil on increase in Texas. Cotton Trade Jour. 19(32):3,7. Aug.12,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

3026. Stone, L.T. Why and whereto, cottonseed prices? Cotton and Cotton Oil Press 40(20):5-6. Aug.5, 1939. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

3027. Texas crushers request rate reduction on products. Cotton and Cotton Oil Press 40(21):7. Aug.19, 1939. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Reduction in rates on cottonseed cake and meal from oil mill points to the drought counties in Wyoming have been requested.

3028. U.S. Department of agriculture. Agricultural marketing service. Average monthly prices of cotton linters, grades 1 to 7, season 1938-39. lp., processed. Washington, 1939. 1.9 Ec733Avm

3029. Wallace opposes export subsidy aid covering fats, oils. Urges credit plan to spur foreign sales diversion to soap, use for relief. Jour. Com. [New York] 181(14007):1,7. Aug.16,1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82

"In an analysis of the surplus situation regarding the commodities, the Secretary indicated that an increase in exports and a decrease in imports together with a small cotton crop will make a material cut in burdensome stocks of domestic oils and fats."

3030. Wallace studying plan to aid cottonseed price.
Cotton Trade Jour. 19(33):3. Aug.19,1939.
(Published at 810 Union St., New Orleans,
La.) 72.8 C8214

3031. Wesson. About a seventh of the cash paid for
the South's biggest cash crop buys cottonseed -
a business of which Wesson Oil & Snowdrift,
with a \$61,000,000 gross, is the corporate
embodiment. Fortune 20(3):67-71,102,104,106,109.
September 1939. (Published by Time, Inc. Sub-
scription Dept., 330 E. 22nd St., Chicago, Ill.)
110 F772

The story of Wesson Oil & Snowdrift Co., Inc.,
which "has its roots deep in the South, and the
South's economic problems. Completely bound up
with the fortunes of cottonseed-oil, Wesson is
now sharing the woes that beset the cotton South.
Cottonseed-oil prices are down to their lowest
point in six years, and Wesson is about to lose
money for the first time in its history."

See also Items nos. 2845, 2864, 2982, 3037, 3076,
3077, 3078.

LEGISLATION, REGULATION, AND ADJUDICATION

Legislation

3032. Changes in the cotton industry bill. General meet-
ing of merchants. Manchester Chamber of Com.
Monthly Rec. 50(7):317-318. July 31,1939.
(Published at Ship Canal House, King St., Man-
chester, 2, England) 287 M31
3033. Cotton - a fresh start. Planning no.152, pp.1-14.
July 25,1939. (Published by Political and
Economic Planning, 16 Queen Anne's Gate, London,
S.W.1, Eng.) 280.8 P693
Discusses the background and provisions of
the Cotton Industry (Reorganisation) Bill.
3034. Cotton control to Manchoukuo. Though shortage of
cotton goods was immediate cause scheme was one
of planned economy in general. Manchuria
4(13):1281-1282. July 1,1939. (Published by
the Manchuria Daily News, No.7, Awaji-cho,
Dairen, Manchuria) 280.8 M315
"With the publication and enforcement by
the Hsinking Government of the Cotton Control

Act on March 25, distribution and sale of raw cotton and cotton goods came under government regulation in Manchoukuo."

3035. [Edmonds, J.E.] U.S. cotton policy declared to blame for Japanese war. Holds arbitrary price forced Nippon to seek land for growing own fiber. Daily News Rec. no.182, p.5. Aug.5, 1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48
3036. Export subsidy may be simpler than AAA procedure, some say. Share of heavy goods greater than under process tax, observers also point out. Daily News Rec. no.173, pp.1,19. July 26,1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48
3037. Hayti. Export duty on cottonseed abolished. Gt. Brit. Bd. Trade Jour. 143(2225):151. July 27,1939. (Published by H.M. Stationery Office, York House, Kingsway, London, W.C.2, Eng.) 256.03 T67J
3038. Italy takes over cotton growing, marketing control. Daily News Rec. no.178, p.14. Aug.1,1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48
 "Italy has passed a new law making it necessary for growers here not only to hand over their crops to the Government, but also to take a price which will be set later."
3039. Jamieson, Edward. 'Talked more, did least'. Cotton Trade Jour. 19(31):1. Aug.5,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 The cotton legislation passed by the 76th Congress is commented upon.
3040. McDonald, J.E. M'Donald declares allotment scheme is best for Texas. Agriculture commissioner holds federal methods injurious to State. Jour. Com. [New York] 181(13995):7A. Aug.2,1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82

3041. Mangano, Guido. La politica del cotone. I Georgofili 5:266-278. April-June 1939. (Published by Reale Accademia Economico-Agraria dei Georgofili, Firenze, Italy) 507 F51
The cotton policy.
3042. [Parker, Walter] Washington leaders get Parker brief on cotton problem, hear Belt's producers can hold own. Give free play to economic law, New Orleans economist urges. Cotton Trade Jour. 19(34):7. Aug. 26, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3043. La taxe sur le coton Egyptien aux Indes. Union des Agriculteurs d'Egypte, Bull. 37(302):242. April 1939. (Published at 25, Rue Cheikh Abou El-Sebaa, Cairo, Egypt) 24 Un32
The tax on Egyptian cotton in India.
3044. Uganda reduces the cotton tax. Financ. News 7(29):12. July 29, 1939. (Published at Yusuf Bldg., 43, Esplanade Road, Fort, Bombay, India) 286.8 F496
"On the recommendations of the Uganda Cotton Commission, the Uganda Government recently reduced the cotton export tax from 2 cents to 1 cent per lb. The Commission held the view that in principle the taxation of an agricultural export was open to objection and, therefore, had recommended the early and complete abolition of this tax without disturbing the taxation policy of the Protectorate."-Entire item.
3045. Wallace, Henry A. Wallace holds federal program realistic solution for cotton. Says growers insist on loans; temporary subsidy is desired. Effective international production and marketing agreement and increased home consumption among objectives--no basis for complaint abroad, or conflict with reciprocal trade program. Jour. Com. [New York] 181(13995):1A, 2A. Aug. 2, 1939. (Published at 83 Park Row, New York, N.Y.) 286.8 J82
3046. Wells, C.F. The equilibrium method of tariff analysis applied to Egyptian uppers cotton. Jour. Farm Econ. 21(3, pt. 1):632-650. August 1939. (Published by the American Farm Economic Association, Asher Hobson, Secretary-Treasurer, University of Wisconsin, Madison, Wis.) 280.8 J822

See also Items nos. 2925, 2933, 2954, 3068.

Regulation

3047. Chas. Cannon's testimony at Atlanta wage hearing. Textile Bull. 56(10):10,12,27. July 15,1939. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N.C.) 304.8 So82
3048. Cotton planters to be penalized three cents per pound on excess cotton sold from this year's crop. This Month in Rural Ala. (Section, the Lee County Bull.) Aug.3,1939, p.5. (Published at Auburn, Ala.)
3049. Greene, J.H. Complicated govt. export subsidy instructions are explained; shippers in fog. Writer favors "delivery system" over "sales system"; thought simpler. Cotton Trade Jour. 19(31):1,4. Aug.5,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3050. K.P. Lewis testifies at Atlanta wage hearing. Textile Bull. 56(10):7-8,32-35,37. July 15,1939. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N.C.) 304.8 So82
3051. [Mehl, J.M.] Buyer 'agreement' barred by C.E.A. Consent to act as principal necessary in each futures transaction. Jour. Com. [New York] 181(14008):8. Aug.17,1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82
Text of a letter from J.M. Mehl to G.H. Boston is given.
3052. Moore, Frederick. These wage and hour hearings. A witness for industry makes some observations and deductions. Textile Bull. 56(10):5-6,36. July 15,1939. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N.C.) 304.8 So82
3053. Netherland Indies. Cotton thread--Quota restrictions on imports continued. Com. Repts. no.33, p.754. Aug.19,1939. (Published by U.S. Bureau of Foreign and Domestic Commerce, Washington, D.C.) 157 C76D
"The expiring Netherland Indian quota restrictions on imports of cotton thread have been continued for 1 year from July 1,1939, by a government decree of June 27,1939."

3054. Subsidy applies to Japan shipments. Cotton Digest 11(44):3. Aug.5,1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
3055. [U.S. Department of agriculture. Agricultural adjustment administration] '40 wheat benefits are issued by A.A.A. Fixed at 18c to 22c bushel-- '39 rates on cotton, rice and tobacco cut 10 p.c. Jour. Com. [New York] 181(14,010):1,11. Aug.19, 1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82
 "On cotton the payment will be 1.8c per pound instead of the 2c rate estimated at the beginning of the program."
 Also in Daily News Rec. no.200, p.5. Aug.26, 1939; Cotton Trade Jour. 19(35):7. Sept.2,1939.
3056. U.S. Department of agriculture. Agricultural adjustment administration. Part 701--1939 agricultural conservation program bulletin. Section 701.1 (B)--Order decreasing the rates of payment and deductions with respect to certain commodities. Fed. Register 4(163):3709. Aug.24, 1939. (Published by National Archives, Washington, D.C.) 169 F31
 Cotton is included.
3057. U.S. Department of agriculture. Agricultural adjustment administration. Part 741--1939 price adjustment program regulations. Supplement no.5. Fed. Register 4(160):3669. Aug.19,1939. (Published by National Archives, Washington, D.C.) 169 F31
 [P-6]
3058. U.S. Department of agriculture. Commodity credit corporation. Part 203--1938-39 cotton loans. Fed. Register 4(153):3565-3566. Aug.10,1939. (Published by National Archives, Washington, D.C.) 169 F31
 1938-39 Cotton Circular Letter No.8.
3059. U.S. Department of agriculture. Commodity credit corporation. Part 204--Determination of carrying charges for American cotton. Fed. Register 4(162):3693. Aug.23,1939. (Published by National Archives, Washington, D.C.) 169 F31

3060. U.S. Department of agriculture. Commodity credit corporation. Part 204--Determination of prevailing world market price for American cotton. Fed. Register 4(162):3693. Aug. 23, 1939. (Published by National Archives, Washington, D.C.) 169 F31
3061. U.S. Department of agriculture. Division of marketing and marketing agreements. Requirements and instructions for exporters of cotton in connection with the "cotton and cotton products export program (fiscal year 1940)" (temporary edition). U.S. Dept. Agr., Div. Marketing and Marketing Agreements MS-116, 12pp., processed. [Washington] 1939. 1.94 Ad47Ms
Also in Cotton Trade Jour. 19(31):3, 7. Aug. 5, 1939.
3062. U.S. Department of agriculture. Division of marketing and marketing agreements. Requirements and instructions for exporters of cotton products in connection with the "cotton and cotton products export program (fiscal year 1940)" (temporary edition). U.S. Dept. Agr., Div. Marketing and Marketing Agreements MS-117, 13pp., processed. [Washington] 1939. 1.94 Ad47Ms
3063. [U.S. Interstate commerce commission] Cotton bagging. Traffic World 64(7):344. Aug. 12, 1939. (Published at 418 S. Market St., Chicago, Ill.) 288.8 T672
"No. 28071, Exposition Cotton Mills vs. Southern Railway Co. et al. By division 2. Carload rates, 79 cents plus 5 cents emergency charge, on shipments of cotton bagging from Atlanta, Ga., to Lewiston, Me., in October 1935, applicable. Less than carload rates were charged. Reparation of \$382.54, with interest, awarded. Dissenting, Commissioner Aitchison said the record disclosed no violation of the interstate commerce act or of the applicable tariff rule, and said the complaint should be dismissed."-Entire item.
3064. Wages and hours. Cotton Ginners' Jour. 10(11): 5, 10, 13-14, 16, 19. August 1939. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
Regulations under the Wage-Hour Act as they affect the ginning industry are discussed.

3065. Wages and hours hearing. Textile Bull. 56(10):
22-23. July 15, 1939. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N.C.) 304.8 S622
Editorial.

See also Items nos. 2914, 2917, 2926, 2928, 2929, 2933, 2934, 2938, 2939, 2941, 2943, 3034, 3036, 3038.

MISCELLANEOUS--GENERAL

3066. American cotton manufacturers association. Resolutions adopted...at the forty-third annual convention in New Orleans, La., April 15, 1939. 6pp. Charlotte, N.C., 1939.

Resolutions relate to government supervision and classification of cotton; surplus cotton; cotton subsidy; net weight; and jute.

3067. Argentine republic. Junta nacional del algodón. Memoria anual...1938. Argentine Republic, Junta Nacional del Algodón [Pub.] no.43, 111pp. Buenos Aires. 1939. 281.3729 Ar3
Annual report...1938.

3068. Association of southern agricultural workers. 40th annual convention held in New Orleans, La., February 1-2-3. Proceedings, abstracts of papers and addresses. 200pp. [Raleigh] 1939. 4 C82
Partial contents: Chemistry and growth of the cotton plant as affected by sorghum residues and nitrogen supplements, by J.E. Adams, L.E. Hessler, and D.R. Ergle, p.30; Potash for cotton, by N.J. Volk, p.32; The effect of sources of nitrogen, and lime on the response of cotton to sources of phosphorus, by W.B. Andrews and Roland Cowart, pp.54-55; The response of vetch and cotton to sodium, by W.B. Andrews and Russell Coleman, p.61; Effect of inbreeding upland cotton for ten years, by H.B. Brown, p.65; Studies with recently developed cotton strains, by J. Winston Neely, pp.65-66; Variations in relation to cotton wilt, abstract of results obtained 1936-1938, by H.B. Tisdale, p.67; Fertilizers in relation to incidence of wilt as affecting a resistant and a susceptible variety, by James B. Dick, p.68; Hopi cotton and a note on its phylogenetic relationship with the upland species, by J. Winston

Neely, pp.68-69; Breeding and seed distribution of acala cotton in California, by George J. Harrison, p.69; Cotton classification under the Smith-Doxey act, by Roy A. Ballinger, pp.158-159; Faults, advantages, and possibilities of services authorized by the Smith-Doxey act, by Carl H. Robinson, pp.159-160; Foreign versus American cotton marketing methods, by P.K. Norris, pp.160-161; King cotton's American throne, by J. William Firor, p.168; An internal collar rot on cotton, by C.J. King and H.D. Barker, p.182; Root-knot nematodes on cotton and tomatoes in Tennessee, by C.D. Sherbakoff, p.183; Preliminary report on cotton wilt-nematode experiments at Lumberton, N.C., by A.L. Taylor, H.D. Barker, and O.P. Owens, pp.183-184; Benefits of winter green manure crops in controlling *Phymatotrichum* root rot of cotton, by C.J. King and J.T. Presley, p.184; Relation of variations in rainfall in 1938 to prevalence of cotton root rot, by Walter N. Ezekiel, p.184; Girdling of cotton plants as affecting survival of *Phymatotrichum omnivorum*, by Walter N. Ezekiel, p.185; Attempts to control verticillium wilt of cotton and breeding for resistance, by B.A. Rudolph and George J. Harrison, p.185; Permeability of the testa of normal and treated cotton seeds, by J.G. Brown, pp.185-186; Fungi associated with seedling diseases and boll rots of cotton in Eastern United States in 1938, by Paul R. Miller, p.186; Factors influencing the distribution and persistence of the angular leaf spot diseases in irrigated cotton fields, by C.J. King and R.E. Parker, pp.186-187; Effect of period and type of storage of cotton seed after treatment with organic mercury dusts, by L.E. Miles, p.187; Seed treatment tests with cotton in 1938, by D.C. Neal, p.187; Seedling survival as affected by certain mercury, copper, and zinc preparations not included in the regional cotton seed treatment tests for 1938, by S.G. Lehman, p.188; Variability of *Fusarium vasinfectum* Atk. in culture, by R. Weindling, p.188; A study of virulence in relation to cultures of *Fusarium vasinfectum* Atk., by E.M. Cralley, pp.188-189; Some tests of varietal susceptibility to a combination of nematodes and cotton wilt, by L.E. Miles, p.189; Further studies of artificial inoculation with the cotton wilt fungus, *Fusarium vasinfectum* Atk., by D.C. Neal, p.189; Progress in soil contamination studies

with *Fusarium vasinfectum* Atk., by A.L. Smith, p.190; Relation of unbalanced fertilization to the fusarium wilt of cotton, by V.H. Young, and W.H. Tharp, p.190; The effects of nitrogen source, nitrogen level, and relative acidity on fusarium wilt of cotton, by W.H. Tharp, and C.H. Wadleigh, pp.190-191; Effects of nitrogen, phosphorous, and potassium nutrition on the fusarium wilt of cotton, by W.H. Tharp and C.H. Wadleigh, p.191; Treatment of cotton seed with organic mercury dust and sulphuric acid, by George J. Harrison, p.181.

3069. Avondale and Cowikoe mills of Alabama. Comer ownership-management has stressed "human side" in operating 14 cotton plants. Textile Age 3(8):22,24-26,30-31. August 1939. (Published at 321 Fourth Ave., New York, N.Y.)
304.8 T3132

3070. Bass, Lawrence W. King cotton's test tubes. Manfrs. Rec. 108(8):29,56. August 1939. (Published at Commerce and Water Sts., Baltimore, Md.) 297.8 M31
Work of the Cotton Research Foundation is described.

3071. Doane, D. Howard. A pattern for cottonbelt agriculture. 6pp., processed. Columbus, Ohio, National farm chemurgic council, inc., 1939.
Address presented at the fifth annual National Farm Chemurgic Conference, Jackson, Mississippi, March 29, 1939.

3072. Egypt and the world cotton production conference. Internatl. Cotton Bull. 17(68):453-454, 456-458. July 1939. (Published at 26 Cross St., Manchester, 2, Eng.) 72.2 In8
"A translation of an article which recently appeared in the Egyptian newspaper L'Informateur."
The conference will be held in Washington, D.C., September 5, 1939.

3073. Florida. Agricultural experiment station. Golden anniversary report for the fiscal year ending June 30, 1938. 198pp. [Gainesville, 1939]
Partial contents: Variety, strain and place effect study of sea island cotton, p.58; Sea island cotton fertilizer experiment, p.59.

3074. Garside, Alston Hill. Wool and the wool trade.
331pp. New York, Frederick A. Stokes co., inc.,
1939. 280.345 G19
How cotton cooperatives use cotton futures,
pp.188-191.
3075. Herrmann, Omer W. Sao Paulo improves its cotton.
Amer. Cotton Grower 5(3):12-13. August 1939.
(Published at 535 Gravier St., New Orleans, La.)
72.8 Am32
"The work of the Department of Agriculture
of Sao Paulo does not stop with the pure seed
program but is extended to ginning and classing
and related statistical and export control work."
3076. Manufacturers record. Blue book of southern progress.
94pp. Baltimore, 1939.
Partial contents: Textiles, pp.25-29. Includes
statistics of cotton production, consumption and
textiles, and of cottonseed products.
3077. Mississippi cotton council statewide rally hears
talks. 225 come from 53 counties; cottonseed
deputation calls on Johnston. Cotton Trade
Jour. 19(33):1,5. Aug.19,1939. (Published at
810 Union St., New Orleans, La.) 72.8 C8214
3078. [National cotton council of America] Council
moves to improve fats and oils situation.
Cotton and Cotton Oil Press 40(20):12-13. Aug.5,
1939. (Published at 3116-18 Commerce St.,
Dallas, Tex.) 304.8 C822
Report of meeting at Memphis, July 24,1939.
3079. Nine countries to take part in cotton meeting.
Secretary Wallace announces acceptance for
exploratory conference. Cotton Trade Jour.
19(34):6. Aug.26,1939. (Published at 810 Union
St., New Orleans, La.) 72.8 C8214
3080. Parker, Walter. Walter Parker offers pre-view of
international cotton meet. Foreign delegates
in strong position, N.O. economist's view.
Cotton Trade Jour. 19(33):3. Aug.19,1939.
(Published at 810 Union St., New Orleans, La.)
72.8 C8214
The author "discusses the special factors
which gave the United States certain exporting
advantages in the days in which this was a

debtor nation and the matter of loan-fostered exports in the ten years following the close of the World War."

3081. Pedroza de Andrade, João. São Paulo, mercado produtor e consumidor de algodão. Ouro Branco 5(2):13-15. June 1939. (Published at R. Quintino Bocayuva, 54, São Paulo, Brazil)

São Paulo, market, producer, and consumer of cotton.

3082. Pickard, Robert H. An experiment in co-operative research in the cotton and other textile industries. 19pp. London, Institute of Chemistry of Great Britain and Ireland, 1936. 304 P58
Eighth Gluckstein Memorial Lecture, 1936.

"Despite the wails one hears and reads about the cotton trade, it is still an enormously big industry. It is nothing like what it was, but it is still the biggest export industry of the country. It gives employment even now to over 400,000 individuals. When you consider that the cotton--I am not talking of rayon and silk now--is all imported, and that there is an immense value put on to the cotton in this country, it is striking to reflect that, while the difference in value between the raw cotton and the finished article reaches an enormous figure, of that total less than one-hundredth of one per cent. is spent by the industry on research. It is a flea-bite when considered in the light of an insurance against the future, whatever that future may be for the cotton industry."

3083. Technicolor film on cotton industry being started at once. First reel expected to be ready for release by Oct.1--Joint project of trade associations aimed to educate public on problems of field supported by voluntary contribution. Daily News Rec. no.190, pp.1,5. Aug.15,1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48

"The picture will portray the growing of cotton on a typical Southern plantation, the processes of harvesting, ginning, pressing and distributing cotton as a raw material."

Also in Cotton Trade Jour. 19(33):1,5. Aug.19, 1939.

3084. Temple entertains. Cotton Ginners' Jour. 10(11):20. August 1939. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824

Report of meeting of ginners and producers in Temple, Texas, July 21, 1939. Extracts from an address by Harry L. Brown regarding cotton improvement, especially harvesting and ginning, are given.

3085. Whitaker, F.H. Forecasting the cotton crop. Agr. Situation 23(3):21-23. August 1939. (Published by U.S. Department of Agriculture, Bureau of Agricultural Economics, Washington, D.C.) 1 Ec7Ag

A table showing "the average percentage deviation of the monthly estimates of production from the final production for the periods 1915-23, 1924-28, and 1929-38," are given.

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C O T T O N R E P O R T S

ISSUED CURRENTLY BY
UNITED STATES GOVERNMENT DEPARTMENTS

U.S. Department of Agriculture, Bureau of Agricultural Economics
Cotton Situation: issued monthly.

U.S. Department of Agriculture, Agricultural Marketing Service
Crop Reports (Summarized in Crops and Markets, which is issued monthly):
to be issued Oct. 9, Nov. 8, Dec. 8, 1939.

Grade and Staple Reports:

Semi-Monthly Cotton Grade and Staple Report: issued Sept. 8-Dec. 20, 1939; final report on 1939 crop to be issued Mar. 20, 1940.

Semi-monthly reports for each state will be issued during the principal part of the ginning season.

Market News Reports:

Daily Official Report of the Designated Spot Cotton Markets: issued at Atlanta, Ga.

Weekly Cotton Market News (Regional): issued Wednesdays at Atlanta, Ga., Memphis, Tenn., and Dallas, Tex.

Weekly Cotton Market Review: issued Saturdays at Washington, D.C., Atlanta, Ga., Memphis, Tenn., and Dallas, Tex.

Weekly Cotton Quotations: issued Saturdays at Atlanta, Ga., Memphis, Tenn., and Dallas, Tex.

Weekly Cottonseed Review: issued Saturdays at Memphis, Tenn., and Atlanta, Ga.

Weekly Review--American Cotton Linters: issued Wednesdays at Washington, D.C.

U.S. Department of Agriculture, Commodity Exchange Administration

Daily reports on volume of sales for future delivery and open contracts: issued at New York, New Orleans and Chicago.

U.S. Department of Commerce, Bureau of the Census

Activity in the Cotton Spinning Industry: issued monthly, about the 20th.
Cotton Consumed, on Hand, Imported and Exported, and Active Cotton Spindles: issued monthly, about the 14th.

Cottonseed Received, Crushed, and on Hand, and Cottonseed Products Manufactured, Shipped out, on Hand and Exported: issued monthly, about the 12th.

Report on Cotton Ginnings: to be issued Sept. 23, Oct. 9, 25, Nov. 8, 21, Dec. 8, 20, 1939; Jan. 23, Mar. 20, 1940.

U.S. Department of Commerce, Bureau of Foreign and Domestic Commerce

Textile Raw Materials: issued weekly.

Textiles and Allied Products: issued weekly.

